Journal of Non-Newtonian Fluid Mechanics, 39 (1991) 413
Elsevier Science Publishers B.V., Amsterdam

Subject Index of Vol. 39

analytical solution, 107
anisotropic fluids, 207, 239

bentonite, 291, 311
Bingham fluids, 107

CEF-model, 217
coating, 137
compression molding, 239
constitutive equations, 335
4 : 1 contraction, 17
convection, 67
curing, 55

decoupled approach, 189
diffusion, 137

effect of inertia, 89
elasticity, 291
Erickson–Leslie theory, 207

fiber suspensions, 239
film, 137
filtercake, 311
finite differences, 67
finite element, 189
finite element method, 17
finite element techniques, 269
finite volume solution, 217
flow, 137
flow birefringence, 1

gels, 291

inertia, 375
injection molding, 239
instability, 55

Johnson–Segalman and Jeffrey's fluid, 17

LDA-data, 217
Lesaint–Reviart method, 189
liquid crystals, 207
liquid-crystal polymers, 207
lithosphere, 67
lubrication approximation, 239

mantle, 67
melt viscosity, 119
method of characteristics, 17

network theory, 335
non-stationary solution, 107
non-uniform grid system, 89
normal stress, 119
numerical simulation, 269

Oldroyd B fluid, 89
Oldroyd-B, 375

planar 4 : 1 contraction flow, 89
plasticity, 335
polymerizing material, 55
power law, 119
pressure fluctuation, 353
pseudospectral, 375

rectangular duct, 217
rheology, 291

secondary flow, 217
shear flow, 107, 335
shear wave, 1
SIMPLER algorithm, 89
solidification, 55
spin, 137
squeeze film, 311
squeezing flow, 119
steamline integration, 269
streamline upwinding, 269
sudden expansion, 353

transient Couette flow, 1
turbulent flow, 353
two-dimensional motion, 207

undulating tube, 375
universal rheometer, 119

viscoelastic flow, 17, 269
viscoelastic fluids, 189
viscoelasticity, 67, 375

wall slip, 55

yield, 291
yield stress fluids, 335
yield surfaces, 107

Journal of Non-Newtonian Fluid Mechanics, 39 (1991) 415
Elsevier Science Publishers B.V., Amsterdam

Author Index of Vol. 39

Alderman, N.J., 291, 311
Almdal, K., 119

Baranov, A.V., 57
Basombrio, F.G., 17, 189
Beris, A.N., 375
Buscaglia, G.C., 189

Cho, Y.I., 353
Choi, S.U.S., 353

Dari, E.A., 189
Doremus, P., 335

Farrow, C.A., 311
Fuller, G.G., 1

Gervang, B., 217

Harder, H., 69

Keunings, R., 269
Kramer, O., 119

Larsen, P.S., 217
Lawrence, C.J., 137
Lee, J.S., 1

Malkin, A.Ya., 57
Meeten, G.H., 291, 311

Na, Y., 91

Pak, B., 353
Piau, J.M., 335
Pilitsis, S., 375

Rosenberg, J., 269
Ryskin, G., 207

Sekimoto, K., 109
Sherwood, J.D., 291, 311

Tucker III, C.L., 239

Winther, G., 119

Yul Yoo, J., 91

Zhou, W., 137